

 <p>Financial Assistance Award</p> <p>DENALI COMMISSION 510 L Street, Suite 410 Anchorage, Alaska 99501 (907) 271-1414 (phone) (907) 271-1415 (fax) www.denali.gov</p>		Award Number	01440-00			
		Award Title	Ultra Efficient Generators and Diesel-Electric Propulsion			
		Performance Period	August 31, 2012 through December 31, 2015			
Authority 112 Stat 1854		CFDA Number 90.100		Recipient Organization & Address Alaska Energy Authority 813 W Northern Lights Blvd Anchorage, AK 99503-2407		
Denali Commission Finance Officer Certification		Phone: (907) 771-3000 Recipient DUNS # 054072608 TIN # 926001185				
Cost Share Distribution Table						
Accounting Code		New Funding		Prior Period Funding		Total
		Denali Commission	Other Contributors	Denali Commission	Other Contributors	
95670000		\$103,486.56		\$0.00		\$103,486.56
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
		\$0.00		\$0.00		\$0.00
State of Alaska			\$133,399.00		\$0.00	\$133,399.00
Genesis Machining/Fabrication			\$302,317.00		\$0.00	\$302,317.00
			\$0.00		\$0.00	\$0.00
			\$0.00		\$0.00	\$0.00
			\$0.00		\$0.00	\$0.00
Total		\$103,486.56	\$435,716.00	\$0.00	\$0.00	\$539,202.56
This Financial Assistance Award approved by the Federal Co-Chair of the Denali Commission constitutes an obligation of federal funding.						
Signature of Authorized Official - Denali Commission Electronically Signed			Typed Name and Title Mr. Joel Neimeyer Federal Co-Chair		Date 09/13/2013	

AWARD ATTACHMENTS

Alaska Energy Authority

01440-00

1. Award Conditions

***Award Conditions to the Financial Assistance Award
Between the Denali Commission and Alaska Energy Authority
For EETF – Ultra Efficient Generators and Diesel-Electric Propulsion
Award No. 1440
September 2013***

1. Scope of Work

The Emerging Energy Technology Fund (EETF) is a collaborative program between the Denali Commission and the State of Alaska. Sixteen projects were selected through a competitive process under Denali Commission award 1312 to the Alaska Energy Authority (AEA). An individual award for each project will be issued for enhanced monitoring and reporting.

This project was selected to receive \$113,637 of Denali Commission funding and \$133,399 from the State of Alaska. Match funding in the amount of \$302,317 has been committed by Genesis Machining and Fabrication as the EETF applicant. Prior to the issuance of individual awards, \$10,150.44 was expended on the project under award 1312, with Denali Commission approval. Denali Commission funds allocated on this award are therefore reduced to \$103,486.56.

The scope of this award is to complete fabrication and testing of a Power Dense Motor and Universal Modular Inverter Controller for diesel-electric and marine propulsion applications developed by Genesis Machining and Fabrication. At the conclusion of testing, a report will be prepared documenting overall system performance and efficiency, the performance of each component, and outline next steps for commercialization.

All Commission funding is intended for use for the scope of work identified in the Award document only. Any balance of funds remaining after the full scope of work has been completed will be returned to the Denali Commission.

2. Milestones

The following milestones are identified as the major steps to be completed as part of the project. “Planned” dates for the first milestone are included here. As part of each progress report, recipients shall update the progress toward meeting these milestones (see section 7, Reporting).

Milestone	Planned		Actual		Units	Total Cost At Completion
	Start Date	End Date	Start Date	End Date		
In Progress	08/31/2012	12/31/2015			0	\$0.00
Project Close-out	01/01/2016	03/30/2016			0	\$0.00

3. Award Performance Period

The Award performance period is August 31, 2012 through December 31, 2015. This is the period during which Award recipients can incur obligations or costs against this Award.

4. Direct and Indirect Costs

The cost principles of OMB A-87 are applicable to this Award. No indirect costs are allowable under this award. Please refer to the cost principles regulations for specific details on other allowable charges under this Award.

5. Budget and Program Revisions

The Administrative Circular, OMB A-102, applies to this Award. Please refer to the Administrative Circular for specific details on revisions to this Award. The Administrative Circular requires that AEA will inform the Commission in writing (e-mail, letter, or report) at the earliest possible date of any unanticipated project cost overrun, project schedule delays, or changes in the project scope or changed site conditions.

6. Payments

Payments under this Award will be made by electronic transfer in response to a "Request for Advance or Reimbursement", Standard Form 270 (SF-270) submitted by AEA. Requests for reimbursements may be made as needed. The SF-270 must be submitted to the Denali Commission via fax, e-mail (finance@denali.gov) or mail in order for payment to be processed. The form is available on the OMB website: http://www.whitehouse.gov/OMB/grants/grants_forms.html. Payments shall be made in accordance with OMB Circular A-102. Please contact the Denali Commission's Finance Specialist at (907) 271-1414 for further information about submitting this form. **No interest will be accrued on these funds.**

7. Reporting

Two forms of project reporting are required under this Award, listed below. AEA shall submit reports using the Denali Commission's on-line Project Database System, available at www.denali.gov. If there are technical limitations which may prevent the recipient from meeting this requirement, please contact the Program Manager listed in this agreement.

- a. **Progress Reports** shall be submitted on a quarterly basis. The first reporting period is August 31, 2012 to December 30, 2013, and quarterly thereafter. Reports are due within 30 days of the end of the reporting period. Progress reports shall include the following:

- i. Total project funding, including both Denali Commission funding and other project funding sources.
 - ii. The total project expenditures for the project as of the end of the reporting period, including both Denali Commission and Other funding sources.
 - iii. Updated schedule and milestone information as identified in the Scope of Work
 - iv. Narrative summary of the project status and accomplishments to date, and address the following questions: is the project on schedule, is the project on budget, and what actions are planned to address any project problems.
 - v. For minor repair and renovation projects or other non-construction projects, pictures should be provided of before and after, or photos that are representative of the funded activity, to the extent possible. Photos shall be provided in a digital format as part of the on-line report. A short description of the activity and names of those in the photos shall also be provided.
- b. **Federal Single Audits** shall be submitted annually, when required. In accordance with OMB Circular A-133, which requires [subpart 200] “Non-Federal entities that expend \$500,000 or more in a year in Federal awards shall have a single or program-specific audit conducted for that year in accordance with the provisions of this part [subpart 205]. The determination of when an award is expended should be based on when the activity related to the award occurs.”

Recipients shall also submit single audits to the Federal Clearinghouse as designated by OMB. Information can be found on the following web-site:

<http://harvester.census.gov/sac/>

8. *Project/Award Close-Out*

The project close-out report shall be completed within 90 days of the end of the Award performance period or within 90 days of the completion of the project, whichever is earlier. Recipients must also draw down any remaining funds for expenditures incurred under this award during this 90-day period.

The project close-out report shall be submitted on-line through the Denali Commission’s on-line Project Database System, available at www.denali.gov. The project close out will require the recipient to submit the following information:

- a. Final data for each item listed in paragraph 7(a) “Progress Reports”
- b. Final project expenditures itemized by the following categories: planning & design; materials & equipment; freight; labor; project administration/overhead and other expenses.
- c. Acknowledgement of support: For all non-construction projects, the Award recipient shall include an acknowledgement of the Government’s support for the project(s) developed under this Award. The format for acknowledgement of the Government’s

support for non-construction awards will vary with each award and must be agreed upon between the Award recipient and the Denali Commission Project Manager. Costs associated with this requirement shall be paid out of the project funding received by the Award recipient from the Denali Commission.

9. Public Policy Laws and Assurances

Award Recipients are required to comply with the public policy laws and assurances on Standard Form SF 424b. This form must also be signed by a certifying official of the organization. Some of the laws are highlighted below for your reference.

To the maximum extent practicable, considering applicable laws, Funding Recipients shall accomplish the project contemplated by the Award using local Alaska firms and labor.

No portion of this award may be used for lobbying or propaganda purposes as prohibited by 18 U.S.C. Section 1913 or Section 607(a) of Public Law 96-74.

Project level environmental reviews in accordance with the National Environmental Policy Act (NEPA) and the National Historic Preservation Act (NHPA) are required for each project undertaken with Denali Commission funds.

10. Non-Compliance with Award Conditions

Recipients not in compliance with the terms and conditions of this Financial Assistance Award will be notified by the Denali Commission. The Denali Commission will work with the recipient to identify the steps necessary to bring them back into compliance, and will establish an appropriate time frame for the corrections to be made. If the corrections have not been made by the deadline, the Denali Commission reserves the right to either suspend or unilaterally terminate the Financial Assistance Award for non-performance.

11. Program Manager, Financial Manager & Other Contact Information

Denali Commission	Alaska Energy Authority
Jodi Fondy Program Manager 510 L Street, Suite 410 Anchorage, AK 99501 Phone: (907) 271-3011 Fax: (907) 271-1415 E-mail: jfondy@denali.gov	Alan Baldivieso Program Manager 813 W. Northern Lights Blvd. Anchorage, AK 99503 Phone: (907) 771-3027 Fax: (907) 771-3044 E-mail: abaldiviesor@aidea.org
Monica Armstrong Grants Administrator 510 L Street, Suite 410 Anchorage, AK 99501	Amy Adler Financial Contact 813 W. Northern Lights Blvd. Anchorage, AK 99503

Phone: 907-271-3415 Fax: 907-271-1415 E-mail: marmstrong@denali.gov	Phone: (907) 771-3013 Fax: (907) 771-3044 E-mail: aadler@aidea.org
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12. Other project specific paragraphs may be added here

The Denali Commission-AEA Memorandum of Agreement requires that AEA participate in Commission committees and workgroups as available, as well as to participate in biannual meetings to share lessons learned and best practices. Another biannual meeting focus is reporting on the measureable improvements brought about as a result of the Commission's Energy Program and development of program evaluation metrics.